United States of America

Department of Transportation — Jederal Abiation Administration

Supplemental Type Certificate

Number ST02276AT

This certificate issued to

Federal Express Corporation 3131 Democrat Road, COMAT 5432 Memphis, TN 38118

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number:

McDonnell Douglas

Model.

MD-11F

Description of Type Design Change

Installation of a Rockwell Collins High Frequency Data Link in accordance with Federal Express Top Drawing (HF Data Link) No. Z-23-028, Revision E, dated January 25, 2001 or later FAA approved revisions.

Limitations and Conditions

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 14, 1999

Dale of issuance: February 08, 2001

Date reissued:

Date arrended:

By direction of the Administrator

Eugene L. Bollin

Associate Manager, ACE-116A

(Title)

Atlanta Aircraft Certification Office